

CLAIMS

What is claimed is:

[c1] 1. System for providing online service reports to user subscribers, wherein the service reports contain service information about services rendered by one or more service providers operating at the direction of a service administrator, the system comprising:
a service hub coupled between the service administrator and the one or more service providers, the service hub including a receiver that receives access messages that define access rights for the user subscribers, the service hub also including a decoder that decodes the service information from one or more operational messages exchanged between the service administrator and the one or more service providers; and
a network server coupled between the service hub and the user subscribers via a communication network, the network server including logic to receive a request from a selected user subscriber, and in response, provide at least a portion of the selected service information to the selected user subscriber based on the access rights defined in the access message.

[c2] 2. The system of claim 1, wherein the operational messages comprise macro messages to convey the service information.

[c3] 3. The system of claim 2, wherein the decoder comprises logic to decode the macro messages to determine the service information.

[c4] 4. The system of claim 2, wherein the service hub receives a control message containing definitions for the macro messages.

[c5] 5. The system of claim 1, wherein the service hub includes a memory and logic to maintain a master status table that contains the service information describing services rendered by the one or more service providers.

[c6] 6. The system of claim 1, wherein the network server includes logic to authenticate the selected user subscriber that makes the request.

[c7] 7. The system of claim 1, wherein the network server is coupled to the service hub via the communication network.

[c8] 8. The system of claim 1, wherein the service hub is coupled to multiple service administrators associated with multiple service businesses.

[c9] 9. The system of claim 1, wherein the operational messages include access rights for

the user subscribers.

[c10] 10. A service hub that is operable to provide online service reports to user subscribers, wherein the service reports contain service information about services rendered by a service provider operating at the direction of a service administrator, the service hub comprising: a processor operable to receive an access message that associates the service information with the user subscribers, the processor also includes logic to exchange operational messages between the service provider and the service administrator;

a decoder coupled to the processor and operable to decode the operational messages to extract the service information; and

a server interface operable to receive a request for service information from the user subscriber and provide selected service information to the user subscriber based on the access message.

[c11] 11. The system of claim 10, wherein the operational messages include macro messages to convey the service information.

[c12] 12. The system of claim 11, wherein the decoder includes logic to decode the macro messages to determine the service information.

[c13] 13. The system of claim 11, wherein the service hub receives a control message containing definitions for the macro messages.

[c14] 14. The system of claim 10, wherein the service hub includes a memory and logic to maintain a master status table that contains the service information describing services rendered by the one or more service providers.

[c15] 15. The system of claim 10, wherein the processor further includes logic to authenticate the selected user subscriber that makes the request.

[c16] 16. The system of claim 10, wherein the network server is coupled to the service hub via the communication network.

[c17] 17. The system of claim 10, wherein the service hub is coupled to multiple service administrators associated with multiple service businesses.

[c18] 18. The system of claim 10, wherein the operational messages include access rights for the user subscribers.

[c19] 19. A method for providing online service reports to user subscribers, wherein the

service reports contain service information about services rendered by a service provider and coordinated by a service administrator, the method comprising steps of:

determining access rights that associate the service information with the user subscribers; exchanging at least one operational message between the service provider and the service administrator;

decoding the operational message to extract the service information;

receiving a request from a selected user subscriber; and

providing selected service information to the selected user subscriber, wherein the selected service information is derived from the service information based on the access rights.

[c20] 20. The method of claim 19, wherein the step of determining is a step of determining the access rights from an access message received at the service hub.

[c21] 21. The method of claim 19, wherein the step of determining is a step of determining the access rights from the at least one operational message.

[c22] 22. The method of claim 19, wherein the step of decoding is a step of decoding one or more macro messages that represent the service information.

[c23] 23. The method of claim 19, wherein the step of receiving a request further includes a step of authenticating the request.

[c24] 24. The method of claim 19, wherein the step of receiving is a step of a request from a selected user subscriber via a communication network.

[c25] 25. The method of claim 19, wherein the step of providing is a step of providing selected service information to a user subscriber when a trigger event occurs, wherein the selected service information is derived from the service information based on the access rights.